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OM nucleic - nucleic search, using sw model

Run on: March 19, 2004, 19:15:06 / Search time 444 Seconds

(without alignments)
8581.370 Million cell updates/sec

Title: US-09-945-376-3

Perfect score: 1030

Sequence: 1 cttactatagggcagcgctg.....tgtatatatacaaggtctcg 1030

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 1.0

Searched: 2438257 seqs, 1849576744 residues

Total number of hits satisfying chosen parameters: 4876514

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications_NA.*
1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq.*
2: /cgn2_6/ptodata/2/pubpna/PCR_NEW_PUB.seq.*
3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq.*
4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq.*
5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq.*
6: /cgn2_6/ptodata/2/pubpna/PCRUS_PUBCOMB.seq.*
7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq.*
8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq.*
9: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq.*
10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq.*
11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq.*
12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
13: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq.*
14: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq.*
15: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq.*
16: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
17: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
18: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Query Length	DB ID	Description
1	1030	100.0	1030	9	US-09-945-376-3
2	40.8	4.0	1598	13	US-10-051-307-2
3	40.6	3.9	1038	14	US-10-137-036-46
4	40.4	3.9	2096	14	US-10-137-036-60
5	40.4	3.9	2611	9	US-09-891-139A-1
6	40.2	3.9	411	14	US-10-137-036-30
7	40	3.9	594	9	US-09-776-874A-16
8	40	3.9	594	9	US-09-988-113-16
9	40	3.9	594	14	US-10-341-582-16
10	40	3.9	594	14	US-10-384-451-16
11	40	3.9	594	14	US-10-384-450-16
12	40	3.9	594	15	US-10-371-218A-16
13	40	3.9	594	15	US-10-456-573-16
14	40	3.9	985	9	US-09-811-093-44
15	40	3.9	988	12	US-10-450-358-1

16	40	3.9	1140	14	US-10-141-773-1	Sequence 1, Appli
17	40	3.9	1499	9	US-09-811-093-40	Sequence 40, Appli
18	39.8	3.9	1224	14	US-10-310-191-4	Sequence 4, Appli
19	39.8	3.9	2475	15	US-10-343-921-6	Sequence 6, Appli
20	39.8	3.9	2565	15	US-10-343-921-3	Sequence 3, Appli
21	39.8	3.9	3718	14	US-10-155-805-6	Sequence 6, Appli
22	39.8	3.9	3673778	14	US-10-312-841-1	Sequence 1, Appli
23	39.4	3.8	288	14	US-10-137-036-38	Sequence 38, Appli
24	39.4	3.8	515	14	US-10-137-036-84	Sequence 84, Appli
25	39.4	3.8	1164	9	US-09-804-682-12	Sequence 12, Appli
26	39.4	3.8	2867	14	US-10-323-051-38	Sequence 38, Appli
27	39.2	3.8	1595	13	US-10-051-307-1	Sequence 1, Appli
28	39	3.8	311	14	US-10-137-036-59	Sequence 59, Appli
29	39	3.8	927	14	US-10-137-036-29	Sequence 29, Appli
30	39	3.8	1126	14	US-10-137-036-52	Sequence 52, Appli
31	39	3.8	2184	9	US-09-811-093-43	Sequence 43, Appli
32	39	3.8	4526	14	US-10-155-805-7	Sequence 7, Appli
33	39	3.8	6183	16	US-10-387-937A-2	Sequence 2, Appli
34	38.4	3.7	382	14	US-10-137-036-39	Sequence 39, Appli
35	38.4	3.7	648	14	US-10-137-036-37	Sequence 37, Appli
36	38.4	3.7	1188	13	US-10-051-307-5	Sequence 5, Appli
37	38.4	3.7	2571	14	US-10-137-036-93	Sequence 93, Appli
38	38.4	3.7	2791	9	US-09-915-524-1	Sequence 1, Appli
39	38.4	3.7	2791	9	US-09-934-634-1	Sequence 1, Appli
40	38.4	3.7	2791	9	US-09-917-278-1	Sequence 1, Appli
41	38	3.7	336	14	US-10-137-036-13	Sequence 13, Appli
42	38	3.7	763	14	US-10-137-036-14	Sequence 14, Appli
43	38	3.7	2400	14	US-10-032-585-6457	Sequence 6457, Ap
44	38	3.7	2495	14	US-10-059-579-104	Sequence 104, App
45	37.8	3.7	1155	9	US-09-804-682-9	Sequence 9, Appli

ALIGNMENTS

RESULT 1
US-09-945-376-3
Sequence 3, Appli
Patent No. US20020083493A1
GENERAL INFORMATION:
APPLICANT: Simmons, Carl R.
APPLICANT: Yalpani, Nasser
APPLICANT: Acevedo, Pedro A. Navarro
TITLE OF INVENTION: Tossberg, John T.
TITLE OF INVENTION: Major latex Protein Gene and Promoter
FILE REFERENCE: 35718/237948
CURRENT APPLICATION NUMBER: US/09/945,376
CURRENT FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: 60/231,418
PRIOR FILING DATE: 2000-09-05
NUMBER OF SEQ ID NOS: 3
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 1030
TYPE: DNA
ORGANISM: Zea mays
US-09-945-376-3

Query Match 100.0%; Score 1030; DB 9; Length 1030;
Best local Similarity 100.0%; Pred. No. 0;
Matches 1030; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CTTACTATAGGGCAGCGCTGTGACGCGCCGGCGTGTATGAAGTGGAACTTCACTG 60
DB	1	CTTACTATAGGGCAGCGCTGTGACGCGCCGGCGTGTATGAAGTGGAACTTCACTG 60
QY	61	GATGATATAGCTGTGAGATTAATCAATTCAGCTTGCATGTCACAGCCT 120
DB	61	GATGATATAGCTGTGAGATTAATCAATTCAGCTTGCATGTCACAGCCT 120
QY	121	ACAGCATTCGAGCGGCGCTTAGGAGCGGCTCAATTAATCTGGAGGAAGCCCAAG 180
DB	121	ACAGCATTCGAGCGGCGCTTAGGAGCGGCTCAATTAATCTGGAGGAAGCCCAAG 180

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Db 121 ACAGCCATTCGAGCAGGCGCTTGAAGACGCGCTCATTAATTGAGAGAACTGCCAGA 180
QY 181 ATGGGATTAACAAGCTCTATCTGAGGAGACAGTCTTAACGACGTTGTATGACATT 240
Db 181 ATGGGATTAACAAGCTCTATCTGAGGAGACAGTCTTAACGACGTTGTATGACATT 240
QY 241 TTATCTCCCAACCGGCAATTAGTAAGACGCCCCCAAGCATTTCAATTGATGTAATG 300
Db 241 TTATCTCCCAACCGGCAATTAGTAAGACGCCCCCAAGCATTTCAATTGATGTAATG 300
QY 301 TCTACTTATTTGGTTGATGATTTGAACGATGTCAGTTCAATTCACATGCAAGAAATC 360
Db 301 TCTACTTATTTGGTTGATGATTTGAACGATGTCAGTTCAATTCACATGCAAGAAATC 360
QY 361 CGGAGAAATTCATCCCAATTCACATGAGAGCAACAGAGTAACCATTAACATC 420
Db 361 CGGAGAAATTCATCCCAATTCACATGAGAGCAACAGAGTAACCATTAACATC 420
QY 421 CAATTAACGAGTTGATTTAGATCTTTTGAAGAGACAACTGGGCTGCAGACGACA 480
Db 421 CAATTAACGAGTTGATTTAGATCTTTTGAAGAGACAACTGGGCTGCAGACGACA 480
QY 481 AATTGGGATCAACAACCTTTTCGCGCAAGTAATGTTGGTGAAGCTGAACCGCTCG 540
Db 481 AATTGGGATCAACAACCTTTTCGCGCAAGTAATGTTGGTGAAGCTGAACCGCTCG 540
QY 541 CTATTCAGTTGGGTTGGTGGACCCGATGATGTCCTCCATCCGCAATCTGCTCAACT 600
Db 541 CTATTCAGTTGGGTTGGTGGACCCGATGATGTCCTCCATCCGCAATCTGCTCAACT 600
QY 601 CTGCAATTTTCGGTTGAGACAGATCTGCAATTTTGCATTTGCTGTCGACAGAGACTCG 660
Db 601 CTGCAATTTTCGGTTGAGACAGATCTGCAATTTTGCATTTGCTGTCGACAGAGACTCG 660
QY 661 TTACTGTTCCGCGCGGAAACCGGACTCCCTCTCTGCTGCTGCAACTGCGCAACGAGCTG 720
Db 661 TTACTGTTCCGCGCGGAAACCGGACTCCCTCTCTGCTGCTGCAACTGCGCAACGAGCTG 720
QY 721 GCATGAGCTGGGAGGCTCATCTAATTTCTCTCATTAAGAAATCACTTCCATCTCCG 780
Db 721 GCATGAGCTGGGAGGCTCATCTAATTTCTCTCATTAAGAAATCACTTCCATCTCCG 780
QY 781 CCTGTCGCGGCACTCTGTCCTCGAATTCACAGGCGACAGGTCGACACACCGC 840
Db 781 CCTGTCGCGGCACTCTGTCCTCGAATTCACAGGCGACAGGTCGACACACCGC 840
QY 841 CATCAAAATACGCGCTCTTTGCGGAGAGATCTGACAGGCGGCAATTGAATTCAG 900
Db 841 CATCAAAATACGCGCTCTTTGCGGAGAGATCTGACAGGCGGCAATTGAATTCAG 900
QY 901 CCTGATCGAGGTGTTGATGCGGAGGAAACCTTGAATGCGCGCATCAGTAGCACCG 960
Db 901 CCTGATCGAGGTGTTGATGCGGAGGAAACCTTGAATGCGCGCATCAGTAGCACCG 960
QY 961 GCACGTCACCTCTGAAGAGAGCTGTCGCGGTGATGATGTCGCTGTGATATATA 1020
Db 961 GCACGTCACCTCTGAAGAGAGCTGTCGCGGTGATGATGTCGCTGTGATATATA 1020
QY 1021 CAAGGTCTGG 1030
Db 1021 CAAGGTCTGG 1030

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RESULT 2
 US-10-051-307-2
 ; Sequence 2, Application US/10051307
 ; Publication No. US20020170095A1
 ; GENERAL INFORMATION:
 ; APPLICANT: DAI, ZIYU
 ; APPLICANT: SHI, LIFANG
 ; APPLICANT: HOOKER, BRIAN S.
 ; TITLE OF INVENTION: GENE PROMOTERS ISOLATED FROM POTATO AND USE THEREOF
 ; FILE REFERENCE: 059440/0141

```

; CURRENT APPLICATION NUMBER: US/10/051,307
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/263,224
; PRIOR FILING DATE: 2001-01-23
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 1598
; TYPE: DNA
; ORGANISM: Solanum tuberosum
US-10-051-307-2

Query Match 4.0%; Score 40.8; DB 13; Length 1598;
Best Local Similarity 86.5%; Pred. No. 0.06;
Matches 45; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 1 CTACTATAGGACGCGGTGCTGACGCGCGGCTGTGATGAAGGTGGAA 52
Db 10 CTACTATAGGACGCGGTGCTGACGCGCGGCTGTGATGTTTGA 61

RESULT 3
US-10-137-036-46
; Sequence 46, Application US/10137036
; Publication No. US20030101478A1
; GENERAL INFORMATION:
; APPLICANT: Pereira, Ranjan
; APPLICANT: Rice, Stephen
; APPLICANT: Bagleton, Clare
; APPLICANT: Laeham, Annette
; APPLICANT: Wood, Marion
; APPLICANT: Viesser, Elizabeth
; TITLE OF INVENTION: Modifications and Methods for the
; FILE REFERENCE: 11000.10364
; CURRENT APPLICATION NUMBER: US/10/137,036
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: PCT/NZ 01/00115
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: U.S. No. US20030101478A1 09/724,624
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: U.S. No. US20030101478A1 09/598,401
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: PCT/NZ00/00018
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: U.S. No. US20030101478A1 60/146,591
; PRIOR FILING DATE: 1999-07-30
; PRIOR APPLICATION NUMBER: U.S. No. US20030101478A1 09/276,599
; PRIOR FILING DATE: 1999-03-25
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 1038
; TYPE: DNA
; ORGANISM: Pinus radiata
US-10-137-036-46

Query Match 3.9%; Score 40.6; DB 14; Length 1038;
Best Local Similarity 71.1%; Pred. No. 0.053;
Matches 69; Conservative 0; Mismatches 24; Indels 4; Gaps 1;

QY 2 TTACTATAGGACGCGGTGCTGACGCGCGGCTGTGATGAAGGTGGAACTCCTACTG 61
Db 4 TTACTATAGGACGCGGTGCTGACGCGCGGCTGTGATGAAGGTGGAACTCCTACTG 59
QY 62 ATGATATATCTGCTGAGAGATTAACATTTACA 98
Db 60 CTGTGAATTCAGCTAGTCACCATTAATTTCTCA 96

RESULT 4
US-10-137-036-60
; Sequence 60, Application US/10137036

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/ Publication No. US20030101478A1
/ GENERAL INFORMATION:
/ APPLICANT: Pereira, Ranjan
/ APPLICANT: Rice, Stephen
/ APPLICANT: Bagleton, Clare
/ APPLICANT: Lasham, Annette
/ APPLICANT: Wood, Marion
/ APPLICANT: Visser, Elizabeth
/ TITLE OF INVENTION: Compositions and Methods for the
/ FILE REFERENCE: 11000.1036c4
/ CURRENT APPLICATION NUMBER: US/10/137,036
/ PRIOR FILING DATE: 2002-04-30
/ PRIOR APPLICATION NUMBER: PCT/NZ 01/00115
/ PRIOR FILING DATE: 2001-06-20
/ PRIOR APPLICATION NUMBER: U.S. No. US20030101478A1 09/724,624
/ PRIOR FILING DATE: 2000-11-28
/ PRIOR APPLICATION NUMBER: U.S. No. US20030101478A1 09/598,401
/ PRIOR FILING DATE: 2000-06-20
/ PRIOR APPLICATION NUMBER: PCT/NZ00/00018
/ PRIOR FILING DATE: 2000-02-24
/ PRIOR APPLICATION NUMBER: U.S. No. US20030101478A1 60/146,591
/ PRIOR FILING DATE: 1999-07-30
/ PRIOR APPLICATION NUMBER: U.S. No. US20030101478A1 09/276,559
/ PRIOR FILING DATE: 1999-03-25
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 60
/ LENGTH: 2096
/ TYPE: DNA
/ ORGANISM: Eucalyptus grandis
US-10-137-036-60

Query Match
Best Local Similarity 3.9%; Score 40.4; DB 14; Length 2096;
Matches 41; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TTACTATAGGACACGGCGTGTGACGCGCCGGCTGTATGA 43
Db 3 TTACTATAGGACACGGCGTGTGACGCGCCGGCTGTATGA 44

RESULT 5
US-09-891-139A-1/C
/ Sequence 1, Application US/09891139A
/ Publication No. US20020194639A1
/ GENERAL INFORMATION:
/ APPLICANT: Hua, Jian
/ APPLICANT: Griseafi, Paula
/ APPLICANT: Flink, Gerald R.
/ TITLE OF INVENTION: Bomsei, A Phospholipid Binding Protein,
/ FILE REFERENCE: 0399.2009-001
/ CURRENT APPLICATION NUMBER: US/09/891,139A
/ PRIOR FILING DATE: 2002-06-24
/ PRIOR APPLICATION NUMBER: US 60/213,863
/ PRIOR FILING DATE: 2000-06-23
/ NUMBER OF SEQ ID NOS: 12
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 1
/ LENGTH: 2611
/ TYPE: DNA
/ ORGANISM: Arabidopsis thaliana
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 2, 54, 191, 316, 331, 1475, 2036, 2042, 2327
/ OTHER INFORMATION: n = A,T,C or G
/ NAME/KEY: misc feature
/ LOCATION: (1)...(2611)
/ OTHER INFORMATION: BONT Genomic DNA
US-09-891-139A-1
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Query Match
Best Local Similarity 3.9%; Score 40.4; DB 9; Length 2611;
Matches 41; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 CTTACTATAGGACACGGCGTGTGACGCGCCGGCTGTATG 42
Db 2603 CTTACTATAGGACACGGCGTGTGACGCGCCGGCTGTATG 2562

RESULT 6
US-10-137-036-30
/ Sequence 30, Application US/10137036
/ Publication No. US20030101478A1
/ GENERAL INFORMATION:
/ APPLICANT: Pereira, Ranjan
/ APPLICANT: Rice, Stephen
/ APPLICANT: Bagleton, Clare
/ APPLICANT: Lasham, Annette
/ APPLICANT: Wood, Marion
/ APPLICANT: Visser, Elizabeth
/ TITLE OF INVENTION: Compositions and Methods for the
/ FILE REFERENCE: 11000.1036c4
/ CURRENT APPLICATION NUMBER: US/10/137,036
/ PRIOR FILING DATE: 2002-04-30
/ PRIOR APPLICATION NUMBER: PCT/NZ 01/00115
/ PRIOR FILING DATE: 2001-06-20
/ PRIOR APPLICATION NUMBER: U.S. No. US20030101478A1 09/724,624
/ PRIOR FILING DATE: 2000-11-28
/ PRIOR APPLICATION NUMBER: U.S. No. US20030101478A1 09/598,401
/ PRIOR FILING DATE: 2000-06-20
/ PRIOR APPLICATION NUMBER: PCT/NZ00/00018
/ PRIOR FILING DATE: 2000-02-24
/ PRIOR APPLICATION NUMBER: U.S. No. US20030101478A1 60/146,591
/ PRIOR FILING DATE: 1999-07-30
/ PRIOR APPLICATION NUMBER: U.S. No. US20030101478A1 09/276,559
/ PRIOR FILING DATE: 1999-03-25
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 30
/ LENGTH: 411
/ TYPE: DNA
/ ORGANISM: Eucalyptus grandis
US-10-137-036-30

Query Match
Best Local Similarity 3.9%; Score 40.2; DB 14; Length 411;
Matches 42; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4 ACTATAGGACACGGCGTGTGACGCGCCGGCTGTATGAGGTG 48
Db 1 ACTATAGGACACGGCGTGTGACGCGCCGGCTGTATGAGGTG 45

RESULT 7
US-09-776-874A-16
/ Sequence 16, Application US/09776874A
/ Patent No. US20020102560A1
/ GENERAL INFORMATION:
/ APPLICANT: Pecker, Iris
/ APPLICANT: Vlodevsky, Israel
/ APPLICANT: Feinstein, Elena
/ TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
/ FILE REFERENCE: 01/22603
/ CURRENT APPLICATION NUMBER: US/09/776,874A
/ PRIOR FILING DATE: 2001-12-12
/ PRIOR APPLICATION NUMBER: US 08/922,170
/ PRIOR FILING DATE: 1997-09-02
/ PRIOR APPLICATION NUMBER: US 09/109,386
/ PRIOR FILING DATE: 1998-07-10
/ PRIOR APPLICATION NUMBER: PCT/US98/17954
/ PRIOR FILING DATE: 1998-08-31
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NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn version 3.1
SEQ ID NO 16
LENGTH: 594
TYPE: DNA
ORGANISM: Homo sapiens
US-09-776-874A-16

Query Match
Best Local Similarity 100.0%; Score 40; DB 9; Length 594;
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 TTACTATAGGCGACGCGTGTGTCGACGCGCCCGGCTGTAT 41
DB 2 TTACTATAGGCGACGCGTGTGTCGACGCGCCCGGCTGTAT 41

RESULT 8
US-09-988-113-16
Sequence 16, Application US/09988113
Patent No. US20020168749A1
GENERAL INFORMATION:
APPLICANT: Pecker, Iris
APPLICANT: Vlodavsky, Israel
APPLICANT: Feinstein, Elena
TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
FILE REFERENCE: 01/222781
CURRENT APPLICATION NUMBER: US/09/988,113
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: US 09/776,874
PRIOR FILING DATE: 2001-02-06
PRIOR APPLICATION NUMBER: US09/258,892
PRIOR FILING DATE: 1999-03-01
PRIOR APPLICATION NUMBER: PCT/US98/17954
PRIOR FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: US 09/109,386
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: US 08/922,170
PRIOR FILING DATE: 1997-09-02
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn version 3.1
SEQ ID NO 16
LENGTH: 594
TYPE: DNA
ORGANISM: Homo sapiens
US-09-988-113-16

Query Match
Best Local Similarity 100.0%; Score 40; DB 9; Length 594;
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 TTACTATAGGCGACGCGTGTGTCGACGCGCCCGGCTGTAT 41
DB 2 TTACTATAGGCGACGCGTGTGTCGACGCGCCCGGCTGTAT 41

RESULT 9
US-10-341-582-16
Sequence 16, Application US/10341582
Publication No. US20030161823A1
GENERAL INFORMATION:
APPLICANT: Neta Ilan
APPLICANT: Israel Vlodavsky
APPLICANT: Oron Yacoby-Zeevi
APPLICANT: Iris Pecker
TITLE OF INVENTION: THERAPEUTIC AND COSMETIC USES OF HEPARANASES
FILE REFERENCE: 25449
CURRENT APPLICATION NUMBER: US/10/341,582
CURRENT FILING DATE: 2003-01-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn version 3.1
SEQ ID NO 16

LENGTH: 594
TYPE: DNA
ORGANISM: Homo sapiens
US-10-341-582-16

Query Match
Best Local Similarity 100.0%; Score 40; DB 14; Length 594;
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 TTACTATAGGCGACGCGTGTGTCGACGCGCCCGGCTGTAT 41
DB 2 TTACTATAGGCGACGCGTGTGTCGACGCGCCCGGCTGTAT 41

RESULT 10
US-10-384-451-16
Sequence 16, Application US/10384451
Publication No. US20030170860A1
GENERAL INFORMATION:
APPLICANT: Pecker, Iris
APPLICANT: Vlodavsky, Israel
APPLICANT: Feinstein, Elena
TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
FILE REFERENCE: 25718
CURRENT APPLICATION NUMBER: US/10/384,451
CURRENT FILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn version 3.1
SEQ ID NO 16
LENGTH: 594
TYPE: DNA
ORGANISM: Homo sapiens
US-10-384-451-16

Query Match
Best Local Similarity 100.0%; Score 40; DB 14; Length 594;
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 TTACTATAGGCGACGCGTGTGTCGACGCGCCCGGCTGTAT 41
DB 2 TTACTATAGGCGACGCGTGTGTCGACGCGCCCGGCTGTAT 41

RESULT 11
US-10-384-450-16
Sequence 16, Application US/10384450
Publication No. US20030190737A1
GENERAL INFORMATION:
APPLICANT: Pecker, Iris
APPLICANT: Vlodavsky, Israel
APPLICANT: Feinstein, Elena
TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
FILE REFERENCE: 25717
CURRENT APPLICATION NUMBER: US/10/384,450
CURRENT FILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn version 3.1
SEQ ID NO 16
LENGTH: 594
TYPE: DNA
ORGANISM: Homo sapiens
US-10-384-450-16

Query Match
Best Local Similarity 100.0%; Score 40; DB 14; Length 594;
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 TTACTATAGGCGACGCGTGTGTCGACGCGCCCGGCTGTAT 41
DB 2 TTACTATAGGCGACGCGTGTGTCGACGCGCCCGGCTGTAT 41

RESULT 12
US-10-371-218A-16
; Sequence 16, Application US/10371218A
; Publication No. US20030217375A1
; GENERAL INFORMATION:
; APPLICANT: Zcharia, Eyal
; APPLICANT: Violdavsky, Israel
; APPLICANT: Metzger, Shula
; APPLICANT: Pecker, Iris
; APPLICANT: Ilan, Neta
; APPLICANT: Chajek-Shaul, Tova
; TITLE OF INVENTION: TRANSGENIC ANIMALS EXPRESSING HEPARANASE AND USES THEREOF
; FILE REFERENCE: 25783
; CURRENT FILING DATE: 2003-07-01
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16
; LENGTH: 594
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-371-218A-16

Query Match
Best Local Similarity 100.0%; Score 40; DB 15; Length 594;
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 TTACTATAGGGCAGCGGTGTCGACGGCCCGGGCTGTAT 41
DB 2 TTACTATAGGGCAGCGGTGTCGACGGCCCGGGCTGTAT 41

RESULT 13
US-10-456-573-16
; Sequence 16, Application US/10456573
; Publication No. US20030236215A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Violdavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: AND EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 25677
; CURRENT APPLICATION NUMBER: US/10/456,573
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: US 09/435,739
; PRIOR FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: US 09/258,892
; PRIOR FILING DATE: 1999-03-01
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-03
; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16
; LENGTH: 594
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-456-573-16

Query Match
Best Local Similarity 100.0%; Score 40; DB 15; Length 594;
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 TTACTATAGGGCAGCGGTGTCGACGGCCCGGGCTGTAT 41
DB 2 TTACTATAGGGCAGCGGTGTCGACGGCCCGGGCTGTAT 41

RESULT 14

US-09-811-093-44
; Sequence 44, Application US/09811093
; Patent No. US20020133850A1
; GENERAL INFORMATION:
; APPLICANT: Clendennen, Stephanie K.
; APPLICANT: Kellogg, Jill A.
; TITLE OF INVENTION: MELON PROMOTERS FOR EXPRESSION OF
; FILE REFERENCE: 4257-0025.30
; CURRENT APPLICATION NUMBER: US/09/811,093
; CURRENT FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: US 60/190,414
; PRIOR FILING DATE: 2000-03-17
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 44
; LENGTH: 985
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: promoter
US-09-811-093-44

Query Match
Best Local Similarity 100.0%; Score 40; DB 9; Length 985;
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTACTATAGGGCAGCGGTGTCGACGGCCCGGGCTGTAT 40
DB 116 CTTACTATAGGGCAGCGGTGTCGACGGCCCGGGCTGTAT 155

RESULT 15
US-10-450-358-1
; Sequence 1, Application US/10450358
; Publication No. US20040049803A1
; GENERAL INFORMATION:
; APPLICANT: Exelixis Plant Sciences
; TITLE OF INVENTION: SENESCENCE-ASSOCIATED PLANT PROMOTERS
; FILE REFERENCE: SEN
; CURRENT APPLICATION NUMBER: US/10/450,358
; CURRENT FILING DATE: 2003-06-12
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 988
; TYPE: DNA
; ORGANISM: Brassica oleracea
US-10-450-358-1

Query Match
Best Local Similarity 100.0%; Score 40; DB 12; Length 988;
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTACTATAGGGCAGCGGTGTCGACGGCCCGGGCTGTAT 40
DB 58 CTTACTATAGGGCAGCGGTGTCGACGGCCCGGGCTGTAT 97

Search completed: March 19, 2004, 20:50:10
Job time : 452 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 19, 2004, 19:06:11 (Search time 439 Seconds)

1302.049 Million cell updates/sec

Title: US-09-945-376-3

Perfect score: 1030

Sequence: 1 cttactatagggcagcgctg.....cgtatatacaagctcgtg 1030

Scoring table:

IDENTITY NUC

Gapop 10.0, Gapext 1.0

Searched: 682709 segs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-Processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database:

Issued Patents NA:
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4: /cgn2_6/prodata/2/ina/6B COMB.seq:*
5: /cgn2_6/prodata/2/ina/PCUTS COMB.seq:*
6: /cgn2_6/prodata/2/ina/backfillseq1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	42.4	4.1	6078	3	US-09-173-914-1
2	41	4.0	2614	4	US-09-004-056-1
3	40.6	3.9	1038	4	US-09-598-401C-46
4	40.4	3.9	2096	4	US-09-598-401C-60
5	40.2	3.9	411	4	US-09-598-401C-30
6	40	3.9	594	4	US-09-435-739-16
7	39.8	3.9	1224	4	US-09-383-283A-4
8	39.8	3.9	3718	4	US-09-424-283-6
9	39.6	3.8	7218	1	US-08-332-463-14
10	39.4	3.8	288	4	US-09-598-401C-38
11	39.4	3.8	515	4	US-09-598-401C-84
12	39.4	3.8	2867	4	US-09-402-532-38
13	39.4	3.8	311	4	US-09-598-401C-59
14	39	3.8	341	4	US-09-323-195A-1
15	39	3.8	927	4	US-09-598-401C-29
16	39	3.8	1126	4	US-09-598-401C-52
17	39	3.8	4526	4	US-09-424-283-7
18	38.4	3.7	382	4	US-09-598-401C-39
19	38.4	3.7	648	4	US-09-598-401C-37
20	38.4	3.7	921	3	US-09-377-648-4
21	38.4	3.7	2571	4	US-09-598-401C-93
22	38.4	3.7	2791	4	US-09-570-367C-1
23	38.4	3.7	2791	4	US-09-570-367C-1
24	38.2	3.7	1751	4	US-09-570-524-1
25	38	3.7	336	4	US-09-276-599-13
26	38	3.7	336	4	US-09-598-401C-13
27	38	3.7	763	4	US-09-276-599-14

C 28	38	3.7	763	4	US-09-598-401C-14	Sequence 14, Appl
C 29	37.8	3.7	565	4	US-09-323-195A-5	Sequence 5, Appl
C 30	37.8	3.7	1924	4	US-09-424-283-5	Sequence 5, Appl
C 31	37.4	3.6	48	3	US-08-913-014A-18	Sequence 18, Appl
C 32	37.4	3.6	48	4	US-09-402-532-35	Sequence 35, Appl
C 33	37.4	3.6	48	4	US-09-653-285-18	Sequence 18, Appl
C 34	37.4	3.6	2791	4	US-09-570-367C-1	Sequence 1, Appl
C 35	37.4	3.6	2791	4	US-09-570-367C-1	Sequence 1, Appl
C 36	37.2	3.6	505	4	US-09-621-976-15639	Sequence 15639, A
C 37	37.2	3.6	1478	4	US-09-545-814-28	Sequence 28, Appl
C 38	37.2	3.6	1478	4	US-09-545-814-30	Sequence 30, Appl
C 39	37.2	3.6	1677	4	US-09-545-814-13	Sequence 13, Appl
C 40	37.2	3.6	1677	4	US-09-545-814-15	Sequence 15, Appl
C 41	37.2	3.6	1749	4	US-09-545-814-4	Sequence 4, Appl
C 42	37.2	3.6	1749	4	US-09-545-814-6	Sequence 6, Appl
C 43	37.2	3.6	1919	4	US-09-545-814-31	Sequence 31, Appl
C 44	37.2	3.6	1919	4	US-09-545-814-33	Sequence 33, Appl
C 45	37.2	3.6	2610	4	US-09-545-814-1	Sequence 1, Appl

ALIGNMENTS

```
RESULT 1
US-09-173-914-1
; Sequence 1, Application US/09173914
; Patent No. 6171857
; GENERAL INFORMATION:
; APPLICANT: Hendrickson, Eric
; TITLE OF INVENTION: A No. 6171857el Leucine Zipper, KARP-1 and
; FILE REFERENCE: B0877/7017/HK
; CURRENT APPLICATION NUMBER: US/09/173,914
; CURRENT FILING DATE: 1998-10-16
; EARLIER APPLICATION NUMBER: 60/064,557
; EARLIER FILING DATE: 1997-10-17
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 6078
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (178)...(178)
; NAME/KEY: unsure
; LOCATION: (230)...(230)
; NAME/KEY: unsure
; LOCATION: (232)...(232)
; NAME/KEY: unsure
; LOCATION: (234)...(234)
; NAME/KEY: unsure
; LOCATION: (453)...(453)
; NAME/KEY: unsure
; LOCATION: (473)...(473)
; NAME/KEY: unsure
; LOCATION: (610)...(610)
; NAME/KEY: unsure
; LOCATION: (612)...(612)
; NAME/KEY: unsure
; LOCATION: (2175)...(2175)
; NAME/KEY: unsure
; LOCATION: (1014)...(1014)
; US-09-173-914-1

Query Match 4.1%; Score 42.4; DB 3; Length 6078;
Best Local Similarity 97.7%; Pred. No. 0.007; Indels 0;
Matches 43; Conservative 0; Mismatches 1; Gaps 0;
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QY 1 CTTACTATAGGCGACGCGTGTGACGCGCCGCGCTGTATGAA 44
DB 9 CTTACTATAGGCGACGCGTGTGACGCGCCGCGCTGTATGAA 52

RESULT 2

US-09-004-056-1
; Sequence 1, Application US/09004056A
; Patent No. 6566925
; GENERAL INFORMATION:
; APPLICANT: Calgene LLC
; TITLE OF INVENTION: Plant Expansin Promoter Sequences
; FILE REFERENCE: 125
; CURRENT APPLICATION NUMBER: US/09/004,056A
; EARLIER FILING DATE: 1998-01-07
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 2614
; TYPE: DNA
; ORGANISM: Gossypium hirsutum
; FEATURE:
; NAME/KEY: promoter
; LOCATION: (930)
; OTHER INFORMATION: unknown nucleotide
; FEATURE:
; NAME/KEY: promoter
; LOCATION: (947)
; OTHER INFORMATION: unknown nucleotide
; FEATURE:
; NAME/KEY: promoter
; LOCATION: (956)
; OTHER INFORMATION: unknown nucleotide
US-09-004-056-1

Query Match 4.0%; Score 41; DB 4; Length 2614;
Best Local Similarity 100.0%; Pred. No. 0.012;
Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTACTATAGGGCAGCGGTGTCAGCGCCCGGCTGTAT 41
DB 83 CTTACTATAGGGCAGCGGTGTCAGCGCCCGGCTGTAT 123

RESULT 3

US-09-598-401C-46
; Sequence 46, Application US/09598401C
; Patent No. 6596925
; GENERAL INFORMATION:
; APPLICANT: Pereira, J. Ranjan
; APPLICANT: Eagleton, Clare
; TITLE OF INVENTION: Compositions and Methods for the
; FILE REFERENCE: 11000.1036C2
; CURRENT APPLICATION NUMBER: US/09/598,401C
; CURRENT FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: U.S. No. 6596925 60/146,591
; PRIOR FILING DATE: 1999-07-30
; PRIOR APPLICATION NUMBER: PCT/NZ00/00018
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: U.S. No. 6596925 09/276,599
; PRIOR FILING DATE: 1999-03-25
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 1038
; TYPE: DNA
; ORGANISM: Pinus radiata
US-09-598-401C-46

Query Match 3.9%; Score 40.6; DB 4; Length 1038;
Best Local Similarity 71.1%; Pred. No. 0.0097;
Matches 69; Conservative 0; Mismatches 24; Indels 4; Gaps 1;

QY 2 TTACTATAGGGCAGCGGTGTCAGCGCCCGGCTGTATGAAGTGAACCTCACTGG 61
DB 4 TTACTATAGGGCAGCGGTGTCAGCGCCCGGCTGTATAA-----TCAGAACATGATTAAG 59
QY 62 ATGCATATCTGCTGAGAGATTAACATCAATTCA 98
DB 60 CTGTATTAATTCATGCTAGTACACCATTAATCTTCTCA 96

RESULT 4

US-09-598-401C-60
; Sequence 60, Application US/09598401C
; Patent No. 6596925
; GENERAL INFORMATION:
; APPLICANT: Pereira, J. Ranjan
; APPLICANT: Eagleton, Clare
; TITLE OF INVENTION: Compositions and Methods for the
; FILE REFERENCE: 11000.1036C2
; CURRENT APPLICATION NUMBER: US/09/598,401C
; CURRENT FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: U.S. No. 6596925, 60/146,591
; PRIOR FILING DATE: 1999-07-30
; PRIOR APPLICATION NUMBER: PCT/NZ00/00018
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: U.S. No. 6596925 09/276,599
; PRIOR FILING DATE: 1999-03-25
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 2096
; TYPE: DNA
; ORGANISM: Eucalyptus grandis
US-09-598-401C-60

Query Match 3.9%; Score 40.4; DB 4; Length 2096;
Best Local Similarity 97.6%; Pred. No. 0.017;
Matches 41; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TTACTATAGGGCAGCGGTGTCAGCGCCCGGCTGTATGA 43
DB 3 TTACTATAGGGCAGCGGTGTCAGCGCCCGGCTGTCTGA 44

RESULT 5

US-09-598-401C-30
; Sequence 30, Application US/09598401C
; Patent No. 6596925
; GENERAL INFORMATION:
; APPLICANT: Pereira, J. Ranjan
; APPLICANT: Eagleton, Clare
; TITLE OF INVENTION: Compositions and Methods for the
; FILE REFERENCE: 11000.1036C2
; CURRENT APPLICATION NUMBER: US/09/598,401C
; CURRENT FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: U.S. No. 6596925 60/146,591
; PRIOR FILING DATE: 1999-07-30
; PRIOR APPLICATION NUMBER: PCT/NZ00/00018
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: U.S. No. 6596925 09/276,599
; PRIOR FILING DATE: 1999-03-25
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 30
; LENGTH: 411
; TYPE: DNA
; ORGANISM: Eucalyptus grandis
US-09-598-401C-30

Query Match 3.9%; Score 40.2; DB 4; Length 411;

Best Local Similarity 93.3%; Pred. No. 0.0077;
Matches 42; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4 ACTATAGGACCGCGTGTGACGCGCGCGGTGTATGAAGTG 48
DB 1 ACTATAGGACCGCGTGTGACGCGCGCGGTGTATGAAGTG 45

RESULT 6
US-09-435-739-16
; Sequence 16, Application US/09435739
; Patent No. 6664105
; GENERAL INFORMATION:
; APPLICANT: Becker, Iris
; APPLICANT: Viadavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 00/20454
; CURRENT APPLICATION NUMBER: US/09/435,739
; CURRENT FILING DATE: 2001-06-05
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 594
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-435-739-16

Query Match
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 TTACTATAGGACCGCGTGTGACGCGCGCGGTGTAT 41
DB 2 TTACTATAGGACCGCGTGTGACGCGCGCGGTGTAT 41

RESULT 7
US-09-383-543A-4
; Sequence 4, Application US/09383543A
; Patent No. 6528704
; GENERAL INFORMATION:
; APPLICANT: Linneblad, Casper
; APPLICANT: Lappegard, Kathryn K.
; APPLICANT: Abblitt, Shane
; APPLICANT: Martino-Catt, Susan J.
; APPLICANT: Olsen, Odd-Arne
; TITLE OF INVENTION: Seed-Preferred Promoters from End Genes
; FILE REFERENCE: 0933
; CURRENT APPLICATION NUMBER: US/09/383,543A
; CURRENT FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: US 60/098,230
; PRIOR FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 1224
; TYPE: DNA
; ORGANISM: Zea mays
US-09-383-543A-4

Query Match
Best Local Similarity 95.3%; Pred. No. 0.019;
Matches 41; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TACTATAGGACCGCGTGTGACGCGCGCGGTGTATGAAG 45
DB 1 TACTATAGGACCGCGTGTGACGCGCGCGGTGTATGAAG 43

RESULT 8
US-09-424-283-6

; Sequence 6, Application US/09424283
; Patent No. 6437219
; GENERAL INFORMATION:
; APPLICANT: Grimes, et al.
; TITLE OF INVENTION: Sucrose binding proteins
; FILE REFERENCE: 4630-50206
; CURRENT APPLICATION NUMBER: US/09/424,283
; CURRENT FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: PCT/US98/10465
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: US 60/047,568
; PRIOR FILING DATE: 1997-05-22
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 3718
; TYPE: DNA
; ORGANISM: Glycine max
US-09-424-283-6

Query Match
Best Local Similarity 95.3%; Pred. No. 0.036;
Matches 41; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CTTACTATAGGACCGCGTGTGACGCGCGCGGTGTATGA 43
DB 107 CTCCTATAGGACCGCGTGTGACGCGCGCGGTGTATGA 149

RESULT 9
US-08-232-463-14
; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHEFLINGER, F.
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
FILING DATE:
APPLICATION NUMBER: EP 91 114 300.6
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/114 IMKU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
TELEFAX: (703)683-4109
TELEX: 899149
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

APPLICANT: Eaglecon, Claire

APPLICANT: eagleton, clare

APPLICANT: Rice, Stephen J.
TITLE OF INVENTION: Compositions and Methods for the
FILE OF INVENTION: Modification of Gene Expression
FILE REFERENCE: 11000.1036c2
CURRENT APPLICATION NUMBER: US/09/598,401C
PRIOR FILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: U.S. No. 6596925 60/146,591
PRIOR FILING DATE: 1999-07-30
PRIOR APPLICATION NUMBER: PCT/NZ00/00018
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: U.S. No. 6596925 09/276,599
PRIOR FILING DATE: 1999-03-25
NUMBER OF SEQ ID NOS: 120
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 59
LENGTH: 311
TYPE: DNA
ORGANISM: Eucalyptus grandis
US-09-598-401C-59

Query Match 3.8%; Score 39; DB 4; Length 311;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 39; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 TTACTATAGGGCAGCGGTGTCGACGCGCCCGGCTGTGTA 40
Db 2 TTACTATAGGGCAGCGGTGTCGACGCGCCCGGCTGTGTA 40

RESULT 14
US-09-323-195A-1
Sequence 1, Application US/09323195A
Patent No. 6462257
GENERAL INFORMATION:
APPLICANT: Pullman, Gerald
APPLICANT: Cairney, John
APPLICANT: Pereira, Ranjan
TITLE OF INVENTION: VICILIN-LIKE SEED STORAGE PROTEIN GENE PROMOTER AND
FILE REFERENCE: IPST0009
CURRENT APPLICATION NUMBER: US/09/323,195A
CURRENT FILING DATE: 1999-06-01
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 341
TYPE: DNA
ORGANISM: Pinus taeda
US-09-323-195A-1

Query Match 3.8%; Score 39; DB 4; Length 341;
Best Local Similarity 89.4%; Pred. No. 0.017;
Matches 42; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4 ACTATAGGGCAGCGGTGTCGACGCGCCCGGCTGTATGAAGTGG 50
Db 1 ACTATAGGGCAGCGGTGTCGACGCGCCCGGCTGTATGAAGTGTGG 47

RESULT 15
US-09-598-401C-29
Sequence 29, Application US/09598401C
Patent No. 6596925
GENERAL INFORMATION:
APPLICANT: Pereira, J. Ranjan
APPLICANT: Bagleton, Clare
APPLICANT: Rice, Stephen J.
TITLE OF INVENTION: Compositions and Methods for the
FILE OF INVENTION: Modification of Gene Expression
FILE REFERENCE: 11000.1036c2
CURRENT APPLICATION NUMBER: US/09/598,401C
CURRENT FILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: U.S. No. 6596925 60/146,591

PRIOR FILING DATE: 1999-07-30
PRIOR APPLICATION NUMBER: PCT/NZ00/00018
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: U.S. No. 6596925 09/276,599
PRIOR FILING DATE: 1999-03-25
NUMBER OF SEQ ID NOS: 120
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 29
LENGTH: 927
TYPE: DNA
ORGANISM: Eucalyptus grandis
US-09-598-401C-29

Query Match 3.8%; Score 39; DB 4; Length 927;
Best Local Similarity 100.0%; Pred. No. 0.03;
Matches 39; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 TTACTATAGGGCAGCGGTGTCGACGCGCCCGGCTGTGTA 40
Db 45 TTACTATAGGGCAGCGGTGTCGACGCGCCCGGCTGTGTA 83

Search completed: March 19, 2004, 19:31:49
Job time : 442 secs